

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Tadashi SAKAI, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: DISCHARGE LAMP

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment form is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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**LIST OF RELATED CASES**

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
0039-7562-2SRD	6,469,425	10/22/02	SAKAI et al.
220662US2TTCRD	10/098,571	03/18/02	SAKAI et al.

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**STATEMENT OF RELEVANCY**

**References AO (4-274156), AP (8-236083), and AQ (2002-117771) of Form PTO-1449:**

These publications are referred to in the specification.

**Reference AR (2002-298777) of Form PTO-1449:**

This publication is referred to in the specification. See page 3, line 9.

**Reference AS (2003-132850) of Form PTO-1449:**

This publication is referred to in the specification. See page 3, line 10.

**Reference AW of Form PTO-1449:**

This reference investigates field emission properties of diamond and carbon nanostructure include nanotube. However, these are vacuum field emission, which is different from grow discharge in gas. Also, Diamond and nanotube are not combined together.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242603US2SRD		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT					
		Tadashi SAKAI, et al.					
		FILING DATE Herewith		GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,469,425 B1	10/22/02	Tadashi SAKAI, et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO	4-274156	09/30/92	Japan	YES	NO	X
	AP	8-236083	09/13/96	Japan			X
	AQ	2002-117771	04/19/02	Japan			X
	AR	2002-298777	10/11/02	Japan			X
	AS	2003-132850	05/09/03	Japan			X
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	M. STAMMLER, et al., "FIELD EMISSION MEASUREMENTS WITH MICROMETRE RESOLUTION ON CARBON NANOSTRUCTURES", Diamond and Related Materials, Vol 8 (1999), pgs. 792 - 797.					
	AX	Ken OKANO, et al., "LOW-THRESHOLD COLD CATHODES MADE OF NITROGEN-DOPED CHEMICAL-VAPOUR-DEPOSITED DIAMOND", Nature, Vol 381, May 9, 1996, pgs. 140 - 141.					
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							